



How to change track rod
end on **Citroen C3 1** –
replacement guide

VIDEO TUTORIAL



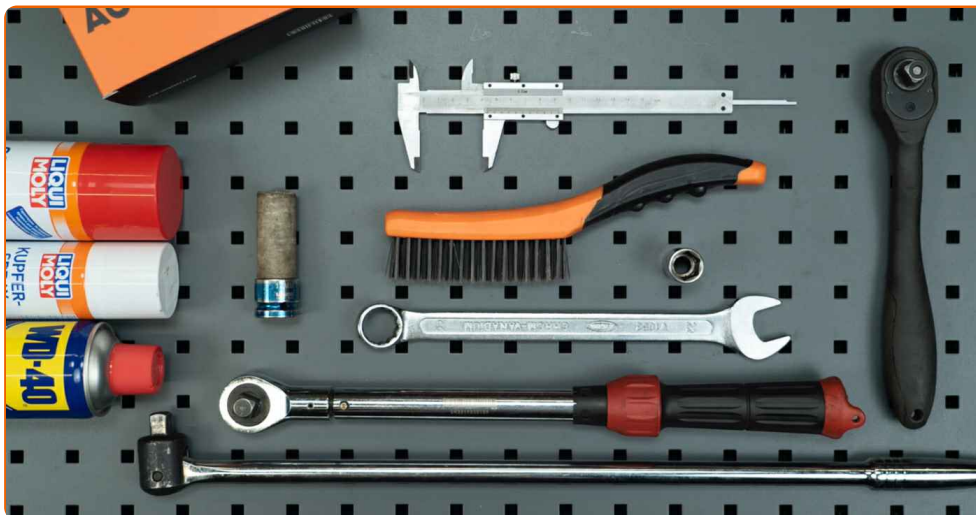
ⓘ Important!

This replacement procedure can be used for:

CITROËN C3 I Hatchback (FC_, FN_) 1.6 16V, CITROËN C3 I Hatchback (FC_, FN_) 1.6 Bioflex, CITROËN C3 I Hatchback (FC_, FN_) 1.4 HDi, CITROËN C3 I Hatchback (FC_, FN_) 1.1 i, CITROËN C3 I Hatchback (FC_, FN_) 1.4 i Bivalent, CITROËN C3 I Hatchback (FC_, FN_) 1.4 16V HDi, CITROËN C3 Pluriel (HB_) 1.6, CITROËN C3 Pluriel (HB_) 1.4, CITROËN C2 Hatchback (JM) 1.1, CITROËN C2 Hatchback (JM) 1.4, CITROËN C2 Hatchback (JM) 1.6, CITROËN C2 Hatchback (JM) 1.4 HDi, CITROËN C3 I Hatchback (FC_, FN_) 1.4 16V, CITROËN C3 Pluriel (HB_) 1.4 HDi, CITROËN C2 Hatchback (JM) 1.6 VTS, (+ 9)

The steps may slightly vary depending on the car design.

REPLACEMENT: TRACK ROD END – CITROEN C3 1. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #22
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Vernier caliper
- Wheel chock

BUY TOOLS

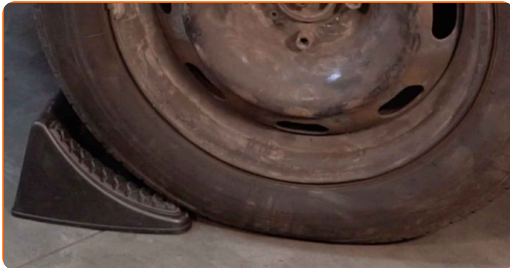
Replacement: track rod end – Citroen C3 1. Tip:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- During the installation process, use only new bolts and nuts.
- All work should be done with the engine stopped.

REPLACEMENT: TRACK ROD END – CITROEN C3 1. RECOMMENDED SEQUENCE OF STEPS:

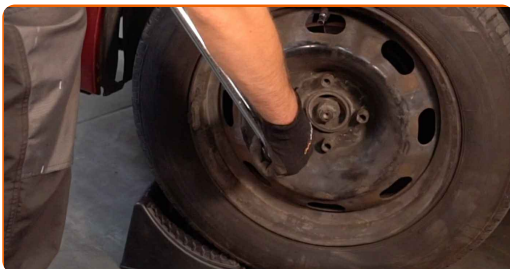
1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #17.



- 3 Raise the front of the car and secure on supports.



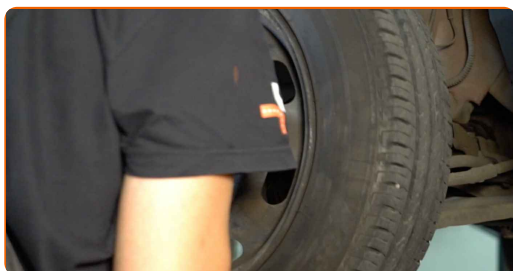
- 4 Unscrew the wheel bolts.



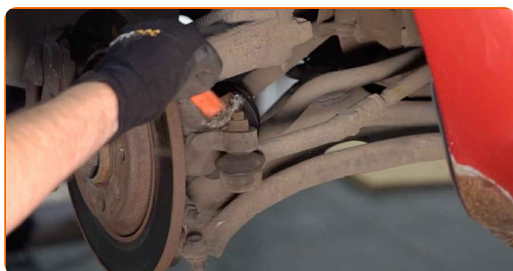
Replacement: track rod end – Citroen C3 1. AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

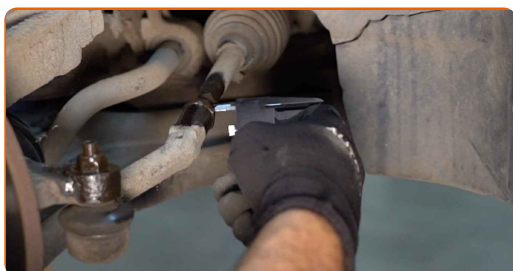
- 5 Remove the wheel.



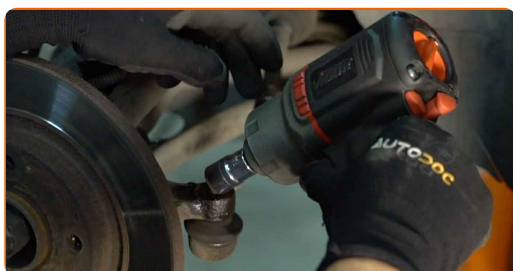
- 6 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



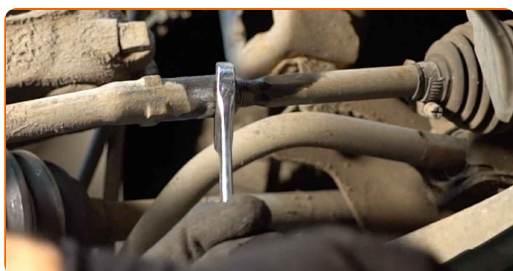
- 7 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



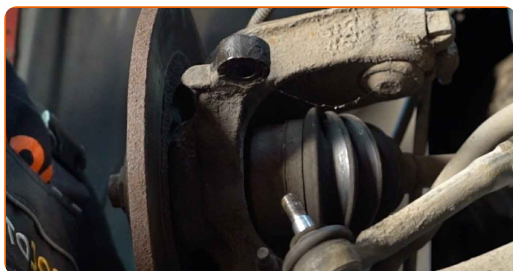
- 8 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a tap wrench.



- 9 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #22.

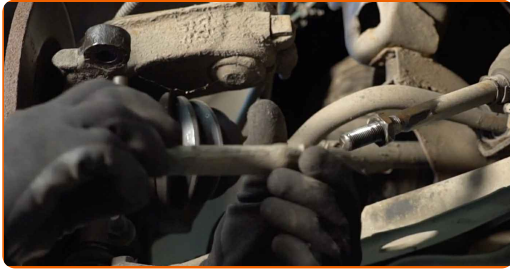


- 10 Disconnect the tie rod end from the steering knuckle.



11

Screw the end out of the tie rod.



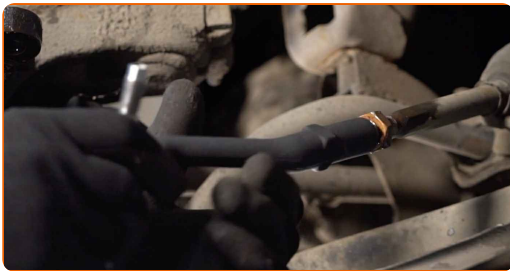
12

Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



13

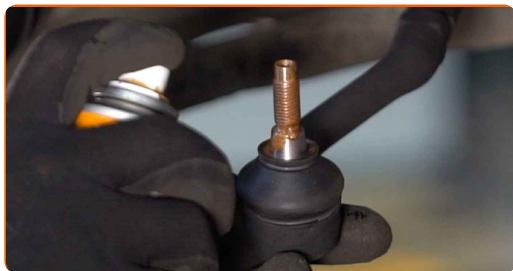
Screw on a new tie rod end.



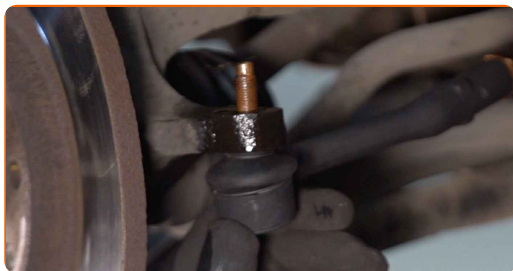
Replacement: track rod end – Citroen C3 1. AUTODOC experts recommend:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

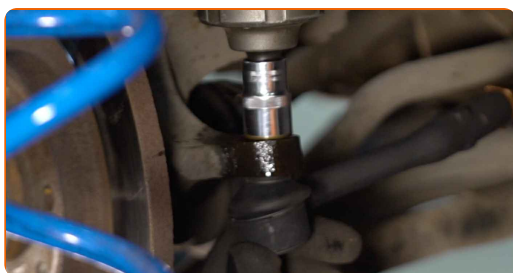
- 14** Treat the threaded part of the tie rod. Use copper grease.



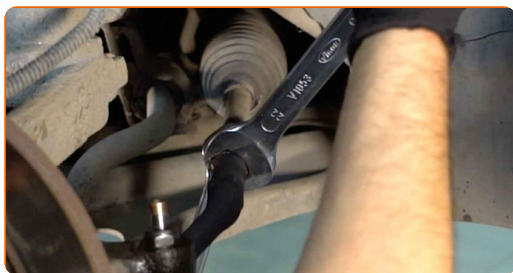
- 15** Connect the tie rod end to the steering knuckle.



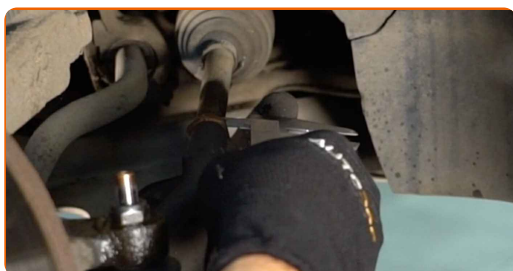
- 16** Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



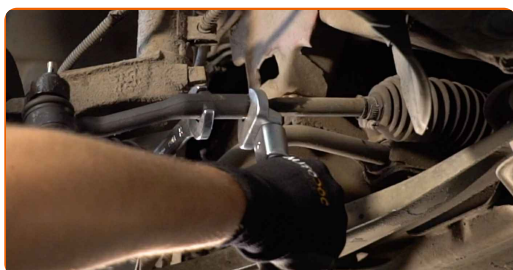
- 17** Screw on the tie rod end jam nut. Use a combination spanner #22 (2 pieces).



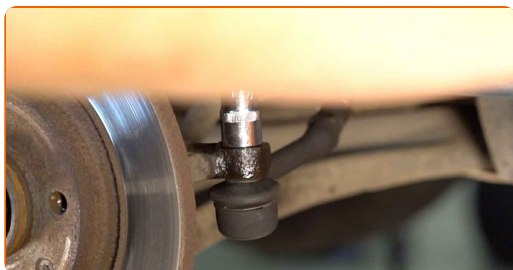
- 18** When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



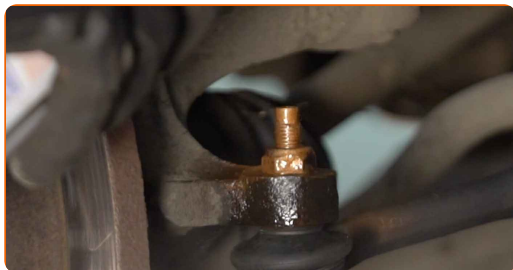
- 19** Tighten the tie rod end locknut. Use a combination spanner #22 (2 pieces). Use a torque wrench. Tighten it to 50 nm torque.



- 20** Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 38 nm torque.



- 21** Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



- 22** Clean the wheel rim mounting seat. Use a wire brush.

23

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



24

Clean the brake disk surface. Use a brake cleaner.

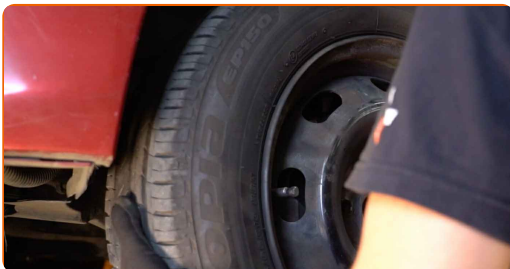


AUTODOC recommends:

- Replacement: track rod end – Citroen C3 1. After applying the spray, wait a few minutes.

25

Install the wheel.



Replacement: track rod end – Citroen C3 1. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

26

Screw in the wheel bolts. Use wheel impact socket #17.



27

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 90 nm torque.

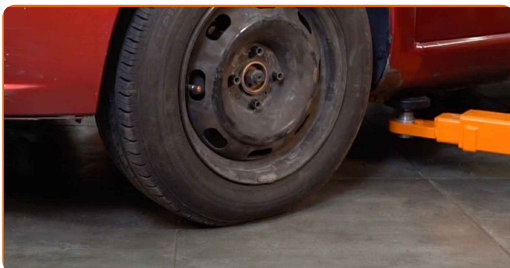


Replacement: track rod end – Citroen C3 1. Professionals recommend:

- Check and adjust wheel alignment if necessary.

28

Remove the jacks and chocks.



WELL DONE! 

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